

Frequent Compute Size for
$$\vec{v} = \mathcal{L}(1+xy) e^{xy}$$
, $x^2 e^{xy}$) on $\vec{v}(E) = \mathcal{L}(0+xy)$ for $0 \le E = Ta$

Sold First, verify that \vec{v} is conservative: $\vec{v}_y \left[\mathcal{L}(1+xy) e^{xy} \right] = (1+xy) e^{xy} + (1+xy) e^{x$